

AMENDMENTS TO THE SPECIFICATION:

At page 15, lines 10 – 20, please replace the paragraph as:

An ITCS device can incorporate circuitry, structures and functionality of the subcutaneous implantable medical devices disclosed in commonly owned U.S. Patent Nos. 5,203,348; 5,230,337; 5,360,442; 5,366,496; 5,397,342; 5,391,200; 5,545,202; 5,603,732; and 5,916,243 and commonly owned U.S. patent applications “Subcutaneous Cardiac Sensing, Stimulation, Lead Delivery, and Electrode Fixation Systems and Methods,” serial number 60/462,272, filed April 11, 2003, and ~~Hybrid Transthoracic/Intrathoracic Cardiac Stimulation Devices and Methods,” serial number 10/462,001, filed June 13, 2003, and “Methods and Systems Involving Subcutaneous Electrode Positioning Relative to A Heart,” serial number 10/465,520, filed June 19, 2003~~U.S. Publication Nos. 2004/0230229 and 2004/0230230, which are incorporated by reference.

At page 22, lines 3 – 13, please replace the paragraph as:

Contextual conditions are non-physiological conditions representing patient-external or background conditions. Contextual conditions may be broadly defined to include present environmental conditions, such as patient location, ambient temperature, humidity, air pollution index. Contextual conditions may also include historical/background conditions relating to the patient, including the patient’s normal sleep time and the patient’s medical history, for example. Methods and systems for detecting some contextual conditions, including, for example, proximity to bed detection, are described in commonly owned U.S. Patent ~~Application entitled “Methods and Devices for Detection of Context When Addressing A Medical Condition of a Patient,” serial number 10/269611, filed October 11, 2002~~No. 7,400,928, which is incorporated by reference herein in its entirety.

At page 26, lines 12 – 17, please replace the paragraph as:

In various implementations, episodes of disordered breathing may be detected through analysis of the patient’s respiration patterns. Methods and systems of disordered breathing detection based on respiration patterns are further described in commonly owned U.S. ~~patent~~

~~application entitled “Detection of Disordered Breathing,” serial number 10/309,770, attorney docket number GUID.054PA, filed December 4, 2002~~Patent No. 7,252,640, which is incorporated by reference.

At page 36, lines 28 – 29 and page 37, lines 1 – 11, please replace the paragraph as:

Multi-sensor pulse generators are products in a unique position to provide accurate long-term monitoring and prediction of the progression of disease in patients with disordered breathing. Discrimination between types of apnea events provides more accurate diagnosis and monitoring of abnormal respiration patterns associated with CHF or sleep disordered breathing. Monitoring with discrimination between types of apnea may enable therapy improvements to counteract the effects of abnormal respiratory patterns. Cardiac pacing has been used as an effective therapy for disordered breathing. Methods and systems for providing an adaptive cardiac electrical stimulation therapy for disordered breathing are described in commonly owned U.S. ~~patent application entitled “Adaptive Therapy for Disordered Breathing,” serial number 10/643,203, attorney docket number GUID.059PA, filed August 18, 2003~~Publication No. 2005/0039745, which is incorporated by reference.

At page 37, lines 12 – 19, please replace the paragraph as:

Although episodes of disordered breathing can occur when the patient is awake, they most frequently occur during sleep. Sleep detection may be used in concert with discrimination of central and obstructive disordered breathing events for enhanced detection of central and obstructive sleep apnea and/or other forms of disordered breathing. Methods and systems for detecting sleep are described in commonly owned U.S. ~~patent application entitled “Sleep Detection Using an Adjustable Threshold,” serial number 10/309,771, attorney docket number GUID.064PA, filed December 4, 2002~~Patent No. 7,189,204, which is incorporated by reference.

At page 37, lines 20 – 23, please replace the paragraph as:

Methods and systems for detecting REM sleep and/or other sleep states are described in commonly owned U.S. ~~patent application entitled “Sleep State Classification,” serial number~~

~~10/643,006, attorney docket number GUID-060PA, filed August 18, 2003~~Publication No.
2005/0043652, which is incorporated by reference.